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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/519,144

12/27/2004

Yutaka Iguchi

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EXAMINER

GETACHEW, ABIY

ART UNIT

PAPER NUMBER

2841

MAIL DATE

DELIVERY MODE

04/28/2008

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/519,144	<b>Applicant(s)</b> IGUCHI, YUTAKA	
	<b>Examiner</b> ABIY GETACHEW	<b>Art Unit</b> 2841	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 10 December 2007.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) 13-16 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 December 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1- 12 are rejected under 35 U.S.C. 102(b) as being anticipated by Hashimoto (6,262,473 B1).

Regarding claim 1, Hashimoto discloses a chip on film film carrier tape (32) including a continuous insulating film, a wiring pattern (34) formed of a conductor layer (20) provided on a surface of the insulating film (42) , and a row of sprocket holes (11,12,14 and 15) provided on either lateral side of the wiring pattern (34) on which electronic devices (See figure 1) are to be mounted, characterized in that a center section of the insulating layer (42) other than opposite longitudinal edges where the sprocket holes (29,31) are formed is provided with a support film (32) formed on another surface of the insulating film (42), which surface is opposite to the surface on which the wiring pattern (34) is provided.

Regarding claim 2, Hashimoto discloses wherein the row of sprocket holes (See figure1 elements 11,12,14 and 15) are provided with a dummy wiring portion (24) surrounding the holes (29, 31).

Regarding claim 3, Hashimoto discloses wherein the dummy wiring portion (24) is provided in the form of discrete islands (See figure 1, the separate domain between the

rows of holes) each surrounding a sprocket hole (See figure 1 elements 11, 12, 14 and 15).

Regarding claim 4, Hashimoto discloses wherein the tape (32) has a predetermined distance between a longitudinal edge of the insulating layer (42) and a longitudinal edge of the dummy wiring portion (24).

Regarding claims 5, Hashimoto discloses wherein the support film (32) has a thickness which is equal to or less than that of the insulating layer (42). (See figure 4b)

Regarding claims 6, Hashimoto discloses wherein the support film (32) has a thickness which is equal to or less than that of the insulating layer (42). (See figure 4b)

Regarding claims 7, Hashimoto discloses wherein the support film (32) has a thickness which is equal to or less than that of the insulating layer (42). (See figure 4b)

Regarding claims 8, Hashimoto discloses wherein the support film (32) has a thickness which is equal to or less than that of the insulating layer (42). (See figure 4b)

Regarding claims 9 to 12, Hashimoto discloses wherein the support film has a thickness of 25 to 50 Micro meters. [Column 8 paragraph 4 lines 34-40]

### ***Conclusion***

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ABIY GETACHEW whose telephone number is (571)272-6932. The examiner can normally be reached on Monday to Friday 8Am to 4:30Pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, DEAN REICHARD can be reached on (571)272-1984. The fax phone

Art Unit: 2841

number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Jeremy C. Norris/  
Primary Examiner, Art Unit 2841

Abiy Getachew  
Examiner  
Art Unit 2841

A.G.  
April 12, 2008